AMENDMENTS TO THE CLAIMS

Please replace all prior versions of the claims with the following claim listing:

Claims:

1-18.   (Canceled)

19.   (New) A system for verifying the synchronization between a local application and a remote application, the system comprising:

local application sharing logic configured to receive events to be shared from a local application, the local application comprising at least one local application window, each local application window comprising an index for identification, the local application sharing logic further configured to transmit the events;

remote application sharing logic configured to receive the events from the local application sharing logic and transmit the events to a corresponding remote application, the corresponding remote application comprising at least one remote application window, each remote application window comprising an index corresponding to the index of a corresponding local application window; and

window synchronization verification logic configured to verify that the local application and remote application are synchronized by monitoring the number of local application windows and the number of remote application windows and by correlating the indexes of the at least one local application window with the indexes of the at least one remote application window.

20.   (New) The system of claim 19, wherein the window synchronization verification logic further comprises:

static synchronization verification logic configured to verify that the at least one local application window is synchronized with the at least one remote application window at system startup.

21.   (New) The system of claim 20, wherein the static synchronization verification logic further comprises:

local static synchronization verification logic configured to select a first local application window and direct the corresponding remote application to locate a first remote application window corresponding to the first local application window; and

remote static synchronization verification logic configured to process the indexes of the at least one remote application window in the corresponding remote application to identify the first remote application window corresponding to the first local application window.

22.   (New) The system of claim 21, wherein:

the remote static synchronization verification logic further comprises remote static synchronization reply logic configured to notify the local static synchronization verification logic if the first remote application window corresponding to the first local application window is found in the corresponding remote application; and

the local static synchronization verification logic further comprises local message generation logic configured to generate a message for display by the local application if the first remote application window corresponding to the first local application window is not found.

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23.   (New) The system of claim 19, wherein the window synchronization verification logic further comprises:

dynamic synchronization verification logic configured to verify, when the events are received by the remote application sharing logic, whether the at least one local application window is synchronized with the at least one remote application window.

24.   (New) The system of claim 23, wherein the dynamic synchronization verification logic further comprises:

application input suppression logic configured to suppress input to the at least one local application window and the at least one remote application window if the at least one local application window and the at least one remote application window are not synchronized; and

local message generation logic configured to generate a failed dynamic synchronization message for display to the local application if the at least one local application window and the at least one remote application window are not synchronized.

25.   (New) A method for verifying the synchronization between a local application and a remote application, the method comprising:

receiving events to be shared from a local application, the local application including at least one local application window, each local application window comprising an index;

transmitting the events from the local application to a corresponding remote application, the corresponding remote application including at least one remote application window, each remote application window comprising an index corresponding to the index of a corresponding local application window;

comparing the number of local application windows with the number of remote application windows;

correlating the indexes of the at least one local application window with the indexes of the at least one remote application window; and

verifying that the local application and remote application are synchronized in response to the comparing and correlating.

26.   (New) The method of claim 25, further comprising:

providing static synchronization of the at least one local application window with the at least one remote application window prior to transmitting the events.

27.   (New) The method of claim 26, further comprising:

selecting a first local application window;

directing the corresponding remote application to locate a first remote application window having an index corresponding to the index of the first local application window; and

finding the first remote application window corresponding to the first local application window in the corresponding remote application.

28.   (New) The method of claim 27, further comprising:

notifying the local application if the first remote application window corresponding to the first local application window is found in the corresponding remote application; and

generating a message for display by the local application if the first remote application window corresponding to the first local application window is not found.

29.   (New) The method of claim 25, further comprising:

verifying synchronization of the at least one local application window with the at least one remote application window when the events are received by the remote application.

30. (New) The method of claim 29, further comprising:

suppressing input to the at least one local application window and the at least one remote application window if the at least one local application window and the at least one remote application window are not in synchronization; and

generating a failed dynamic synchronization message for display by the local application if the at least one local application window and the at least one remote application window are not in synchronization.

31. (New) A system for verifying the synchronization between a local application and a remote application, the system comprising:

means for receiving events to be shared from a local application, the local application including a plurality of local application windows;

means for providing an index to each local application window;

means for transmitting the events from the local application to a corresponding remote application, the corresponding remote application including a plurality of remote application windows;

means for providing an index to each remote application window corresponding to the index of a corresponding local application window;

means for monitoring the number of local application windows;

means for monitoring the number of remote application windows;

means for matching the indexes of the local application windows with the indexes of the remote application windows to correlate the local application windows with corresponding remote application windows; and

means for verifying synchronization between the local application and remote application.

32.   (New) The system of claim 31, further comprising:

means for providing static synchronization at system startup by synchronizing the local application windows with the remote application windows before events are shared.

33.   (New) The system of claim 32, further comprising:

means for selecting a first local application window;

means for directing the corresponding remote application to locate a first remote application window having an index corresponding to the index of the first local application window; and

means for identifying the indexes of the remote application windows in the corresponding remote application to locate the first remote application window corresponding to the first local application window.

34.   (New) The system of claim 33, further comprising:

means for notifying the local application if the first remote application window corresponding to the first local application window is located in the corresponding remote application; and

means for generating a message for display by the local application if the first remote application window corresponding to the first local application window is not located.

35.   (New) The system of claim 31, further comprising:

means for verifying synchronization of the local application windows with the remote application windows after the events are received by the remote application.

36.   (New) The system of claim 35, further comprising:

means for suppressing input to the local application windows and the remote application windows if the local application windows and the remote application windows are not synchronized; and

means for generating a message in the local application to indicate that the local application windows and the remote application windows are not synchronized.